



Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

1001 I Street • P.O. Box 2815 • Sacramento, California 95812 • www.arb.ca.gov



Gray Davis
Governor

January 18, 2002

All Vapor Recovery Manufacturers and Stakeholders

Dear Manufacturers/Stakeholders:

On October 25, 2001, the Air Resources Board (ARB) approved TP-201.1B, Static Torque of Rotatable Phase I Adaptors, a new test procedure for determining rotation and measuring the static torque of rotatable Phase I adaptors. Before TP-201.1B is adopted, the Board directed staff to make changes made since the September 7, 2001, release date available for a period of at least 15 days in order to receive public comments. We expect that the comment period will occur sometime during the first quarter of 2002.

Because the original release of TP-201.1B, ARB staff has received a variety of comments from local districts and maintenance contractors. These comments were based on test personnel having an opportunity to conduct testing and would aid in refining TP-201.1B. As a result, the following modifications would be reflected in the upcoming version of TP-201.1B posted for a public comment.

- Minimum accuracy of Torque Wrench has been increased from 1% to 3%.
- Minimum readability of Torque Wrench has been designated as 5 pound-inch increments.
- Verification of rotation (360-degree test). The determination of the rotation will occur prior to measuring static torque measurements. No static torque will be measured if the adaptor does not rotate at least 360-degrees. This would ensure that all adaptors are tested under the same conditions (i.e., grease and seals have been actuated).
- Static Torque measured in 120-degree increments. Two new steps have been added. Following the first torque measurement, the second measurement is taken after the adaptor has been rotated 120-degrees. After the second measurement, the adaptor will then be rotated another 120-degrees and the third measurement is then taken. This ensures that the average torque is representative of the adaptor's entire rotation.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

All Vapor Recovery Manufacturers and Stakeholders
January 18, 2001
Page 2

The above changes are approved and can be used for compliance testing of any certified Phase I EVR system. This approval will expire when TP-201.1B is adopted. If you have questions or wish to comment on the modifications, please contact Joseph Fischer at (916) 322-8914 or via email at jofische@arb.ca.gov or Laura McKinney at (916) 327-0900 or via email at lmckinne@arb.ca.gov.

Sincerely,

Signed Copy on File

George Lew, Chief
Engineering and Certification Branch
Monitoring and Laboratory Division

cc: Rosa Salcedo, San Diego County APCD